

Ashley Polymers Ashlene® 559LD-33G Nylon 66, 33% Glass Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

Material Notes:

A high impact reinforced nylon copolymer with good low temperature properties.Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-559LD-33G-Nylon-66-33-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.34 g/cc	0.0484 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	145 MPa	21000 psi	ASTM D638
Elongation at Break	4.0 %	4.0 %	ASTM D638
Flexural Modulus	7.00 GPa	1020 ksi	ASTM D790
Izod Impact, Notched	1.82 J/cm	3.41 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	231 °C	448 °F	ASTM D3418
Deflection Temperature at 0.46 MPa (66 psi)	229 °C	444 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	218 °C	424 °F	ASTM D648

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